From: Cogliano, Vincent [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=51F2736376AC4D32BAD2FE7CFEF2886B-COGLIANO, VINCENT]

**Sent**: 8/9/2016 1:20:31 PM

To: Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]; Bahadori, Tina

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7da7967dcafb4c5bbc39c666fee31ec3-Bahadori, Tina]; Ross, Mary

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; Flowers, Lynn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Thomas, Russell

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=12f119e7a3ee447499f3d6ab5d20daeb-Thomas, Rus]; Burke, Thomas

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=39ffc3dd34ea495b9a31e61b778fbbec-Burke, Thom]; Vandenberg, John

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Slimak, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=197d6551afaf4d90b087c4d5bf62b53c-Slimak, Mike]; Kavlock, Robert

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=eebac67f01094409a7fdaa955a837884-Kavlock, Robert]; Gwinn, Maureen

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4bdc5237a5c440a7b664518e23eb5647-Gwinn, Maureen]

**Subject**: RE: potential case study - innovations in risk assessment

Attachments: Theoretical Framework v1-revVJC.docx

Hello everyone—Here are some comments on the framework. Sorry that I couldn't get to it until yesterday evening. There are two case studies I'd like to do, but they'll probably have to wait until the next round ... See you all Wednesday, Vince

From: Deener, Kathleen

Sent: Tuesday, August 09, 2016 9:02 AM

To: Bahadori, Tina <Bahadori.Tina@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Flowers, Lynn

<Flowers.Lynn@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Slimak, Michael <Slimak.Michael@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>

Subject: RE: potential case study - innovations in risk assessment

Thanks all! I have updated the table and figure, and I am compiling the case studies. I will circulate materials later today.

Kacee Deener, MPH Senior Science Advisor

Office of Research and Development

(ph) 202.564.1990 | (mobile) deener.kathleen@epa.gov

Personal Phone / Ex. 6

From: Bahadori, Tina

**Sent:** Tuesday, August 09, 2016 6:52 AM

To: Ross, Mary <Ross.Mary@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Thomas, Russell

<<u>Thomas.Russell@epa.gov</u>>; Deener, Kathleen <<u>Deener.Kathleen@epa.gov</u>>; Burke, Thomas <<u>Burke.Thomas@epa.gov</u>>;

Cogliano, Vincent <cogliano.vincent@epa.gov>; Vandenberg, John <<u>Vandenberg.John@epa.gov</u>>; Slimak, Michael

<<u>Slimak.Michael@epa.gov</u>>; Kavlock, Robert <<u>Kavlock.Robert@epa.gov</u>>; Gwinn, Maureen <<u>gwinn.maureen@epa.gov</u>> **Subject:** RE: potential case study - innovations in risk assessment

Hi Everyone,

The case studies actually helped me. If I understood correctly,

**Deliberative Process / Ex. 5** 

I added to Rusty/Lynn comments to the table – mostly questions (attached).

I also drafted the EDSP case study using Mary's outline format, just as another point of comparison (below).

Tina

EDCs - case study - prioritization

Background:

# **Deliberative Process / Ex. 5**

The issue, decision context:

# **Deliberative Process / Ex. 5**

The data:

**Deliberative Process / Ex. 5** 

### Product/process:

## **Deliberative Process / Ex. 5**

#### Peer review:

# **Deliberative Process / Ex. 5**

From: Ross, Mary

Sent: Monday, August 08, 2016 10:43 PM

To: Flowers, Lynn <<u>Flowers.Lynn@epa.gov</u>>; Thomas, Russell <<u>Thomas.Russell@epa.gov</u>>; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas <Burke.Thomas@epa.gov>; Cogliano, Vincent

<cogliano.vincent@epa.gov>; Vandenberg, John <\Vandenberg.John@epa.gov>; Slimak, Michael

<Slimak.Michael@epa.gov>; Bahadori, Tina <Bahadori, Tina@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>;

Gwinn, Maureen <gwinn.maureen@epa.gov>

Subject: RE: potential case study - innovations in risk assessment

Oops! I forgot to add the hugely important issue for the decision context about "old" and "new" diesel. I've added a couple of sentences to the issue/decision section.

From: Ross, Mary

**Sent:** Monday, August 08, 2016 10:34 PM

To: Flowers, Lynn <Flowers.Lynn@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Deener, Kathleen

<Deener.Kathleen@epa.gov>; Burke, Thomas < Burke.Thomas@epa.gov>; Cogliano, Vincent

<cogliano.vincent@epa.gov>; Vandenberg, John <\Vandenberg.John@epa.gov>; Slimak, Michael

<Slimak.Michael@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Kavlock, Robert <Kavlock.Robert@epa.gov>;

Gwinn, Maureen <gwinn.maureen@epa.gov>

**Subject:** potential case study - innovations in risk assessment

Hi everyone. I saw the comments from Rusty and Lynn on the table and I agree it's looking good – haven't had time to look more carefully though and will follow up tomorrow.

### **Deliberative Process / Ex. 5**

Deliberative Process / Ex. 5

assessment names in the table, but I'm leaving focused here because that's how I started this draft.

Chemical D - case study - focused assessment

Background:

## **Deliberative Process / Ex. 5**

The issue, decision context:

# **Deliberative Process / Ex. 5**

The data:

# **Deliberative Process / Ex. 5**

Product/process:

# **Deliberative Process / Ex. 5**

Peer review:

**Deliberative Process / Ex. 5**